

**FORM PTO-1449** 

U.S. DEPARTMENT OF COMMERCE

ATTORNEY DOCKET NO.

Sheet 1 of 3

PATENT AND TRADEMARK OFFICE

725.1154C FIRST NAMED INVENTOR Unassigned

LIST OF REFERENCES CITED BY APPLICANT

Yukihiro MORIYAMA

(Use several sheets if necessary)

FILING DATE

GROUP ART UNIT

September 23, 2003

3612

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
KBB	AA	4,013,317	03-1977	Reidelbach et al.	296	146.6	
1470	AB	4,307,911	12-1981	Pavlik, Michael J.	296	146.6	
<del></del>	AC	4,434,580	03-1984	Engelsberger et al	296	146.6	
	AD	5,137,325	08-1992	Ohya, Takeji	296	146.6	
	AE	5,228,741	07-1993	lde, Yoshlkazu	296	188	
_	AF	5,470,125	11-1995	Yamazaki, Shouji	296	146.6	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSI YES	NO NO
K3.0	AG	2000-280744	10-10-00	Japan				
	АН	DE 38 10 762	10-12-89	Germany				
	Al	56-39920	4-15-81	Japan				
	AJ	7-267003	10-17-95	Japan	1			
	AK							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)	TRANSL YES	ATION NO

EXAMINER	DATE CONSIDERED
KBC	4.904

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PFORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO. APPLICATION NO. Unassigned

## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

FIRST NAMED INVENTOR

Yukihiro MORIYAMA

FILING DATE GROUP ART UNIT

September 23, 2003 3612

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
KBO	AL	4,930,836	6/5/90	Grinn			6/24/88
	AM	5,491,875	02-1996	Siladke et al.	290	146.12	
	AN	5,599,057	02-1997	Hirahara et al.	296	146.6	
	AO	5,749,611	05-1998	Watson et al.	292	336.3	
	AP	5,752,737	05-1998	Heldt et al.	296	146.6	
	AQ	5,800,007	09-1998	Cho, Kuk-Hyun	206	14-6.6	
	AR	5,908,216	06-1999	Townsend, John A.	296	146.6	
	AS	6,020,039	02-2000	Cline et al.	296	146.6	
1	AT	6,053,561	4-2000	Hojnowski et al.	296	146.9	

FOREIGN PATENT DOCUMENTS

				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSI YES	AOITA ON
KBC	AU	2-20423	1/24/90	Japan (corresponding U.S. Patent 4,930,836 attached)				
	AV	10-250370	9/22/98	Japan				
	AW	6-40259	2/15/94	Japan				
	AX	JP 57 41209	03-1982	Japan				

EXAMINER KBC DATE CONSIDERED 4-9.04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

3612

September 23, 2003

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT

ATTORNEY DOCKET NO.
725.1154C

FIRST NAMED INVENTOR

YUKINITO MORIYAMA

FILING DATE

GROUP ART UNIT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

		<del></del>	U.S. PATEIN	DOCOME	<del>-                                    </del>	2115	EU 1010
*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
KBC	AY	6,135,537	10-2000	Giddons, Nigel	296	146,6	
	AZ	6,220,652	04-2001	Browne et al.	296	146.6	
	ВА	6,302,474	10-2001	Drysdale et al.	295	146.6	
	вв	6,332,641	12-2001	Okana, Fumio	296	146.6	
	вс	6,382,705	05-2002	Lang et al.	296	146.12	
	BD	2002/0073623	06-2002	Sakamoto et al.	49	366	
	BE						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSI YES	ATION NO
KBC	BF	JP 2000 280744	10-2000	JAPAN				
1	BG	JP 2002 103970	04-2002	JAPAN				
	вн	JP 2002 104239	04-2002	JAPAN				
	ВІ	JP 2002 178755	06-2002	JAPAN				
	ВЈ							
	вк							

EXAMINER	KBC	DATE CONSIDERED 4-9.04
*EXAMINER: Initial if	reference considered, whether or n	ot citation is in conformance with MPEP 609; Draw line through citation if not in

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.